RECLAMATION

Managing Water in the West

Bureau of Reclamation Overview

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U.S. Department of the Interior
Bureau of Reclamation

Nation's Key Water Agencies

- Bureau of Reclamation
- U.S. Army Corps of Engineers
- Tennessee Valley Authority
- Natural Resources Conservation Service (USDA)

- U.S. Geological Survey
- U.S. Environmental Protection Agency
- National Weather Service

Other Agencies with Natural Resource Missions

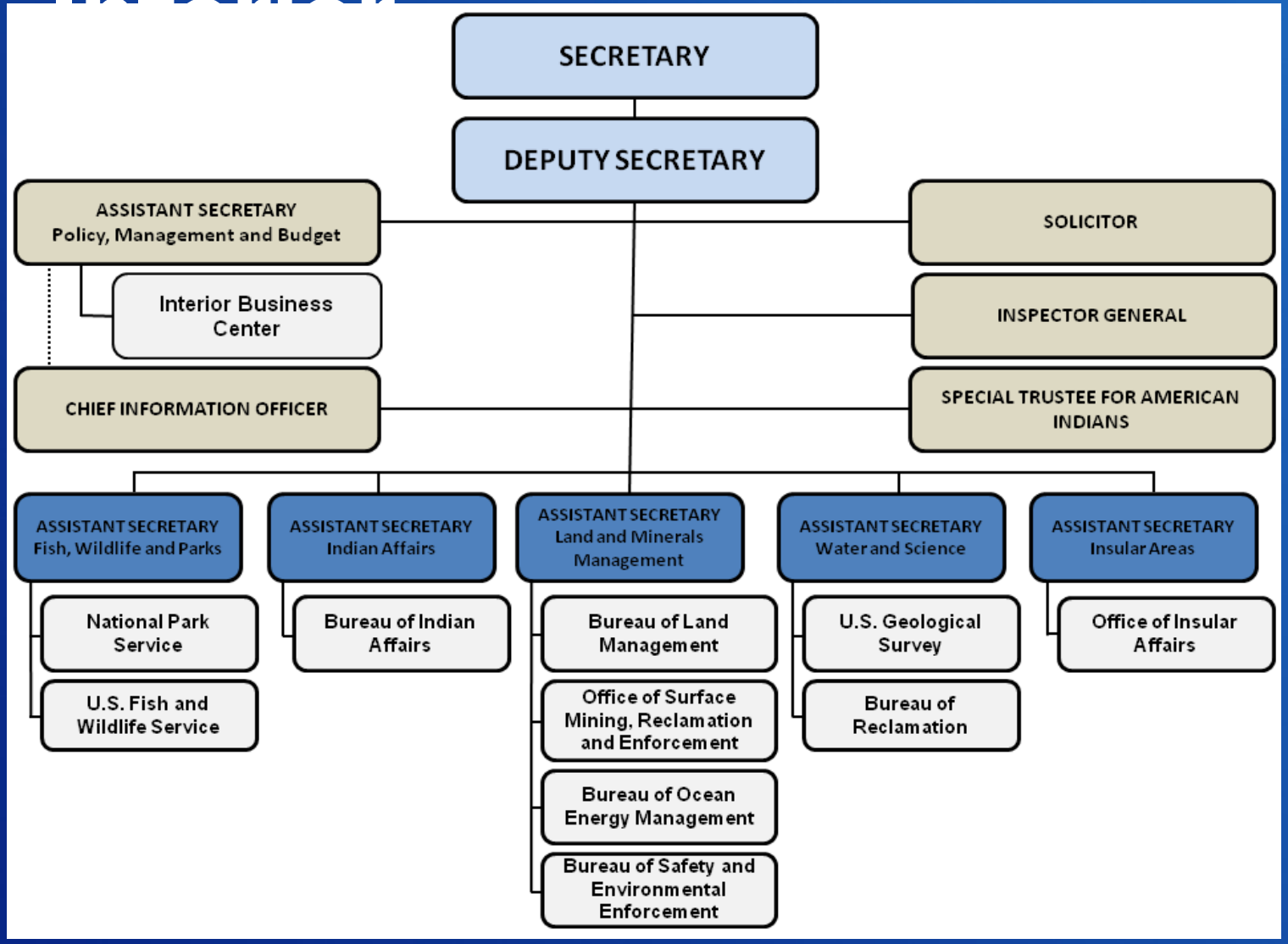
Land management agencies

- National Park Service
- Bureau of Land Management
- Bureau of Indian Affairs
- U.S. Forest Service

Others

- U.S. Fish and Wildlife Service
- U.S. Department of Agriculture
- National Marine Fisheries Service
- State Water Agencies

U.S. Department of the Interior


SECRETARY
DEPUTY SECRETARY
ASSISTANT SECRETARY Policy, Management and Budget
Interior Business Center
CHIEF INFORMATION OFFICER
SOLICITOR
INSPECTOR GENERAL
SPECIAL TRUSTEE FOR AMERICAN INDIANS
ASSISTANT SECRETARY Fish, Wildlife and Parks
National Park Service
U.S. Fish and Wildlife Service
ASSISTANT SECRETARY Indian Affairs
Bureau of Indian Affairs
ASSISTANT SECRETARY Land and Minerals Management
Bureau of Land Management
Office of Surface Mining, Reclamation and Enforcement
Bureau of Ocean Energy Management
Bureau of Safety and Environmental Enforcement
ASSISTANT SECRETARY Water and Science
U.S. Geological Survey
Bureau of Reclamation
ASSISTANT SECRETARY Insular Areas
Office of Insular Affairs

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Reclamation Mission

Manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

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Major River Basins in the

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U.S. Annual Average

Western United States – Early 1900s

Boise Project, Idaho

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Western United States – Early 1900s

Grand Valley Project, Colorado

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Western United States – Early 1900s

- Construction of reservoirs for storage
- Formation of irrigation districts under state
- Acquisition of water rights under state law
- Government subsidies provided for irrigation

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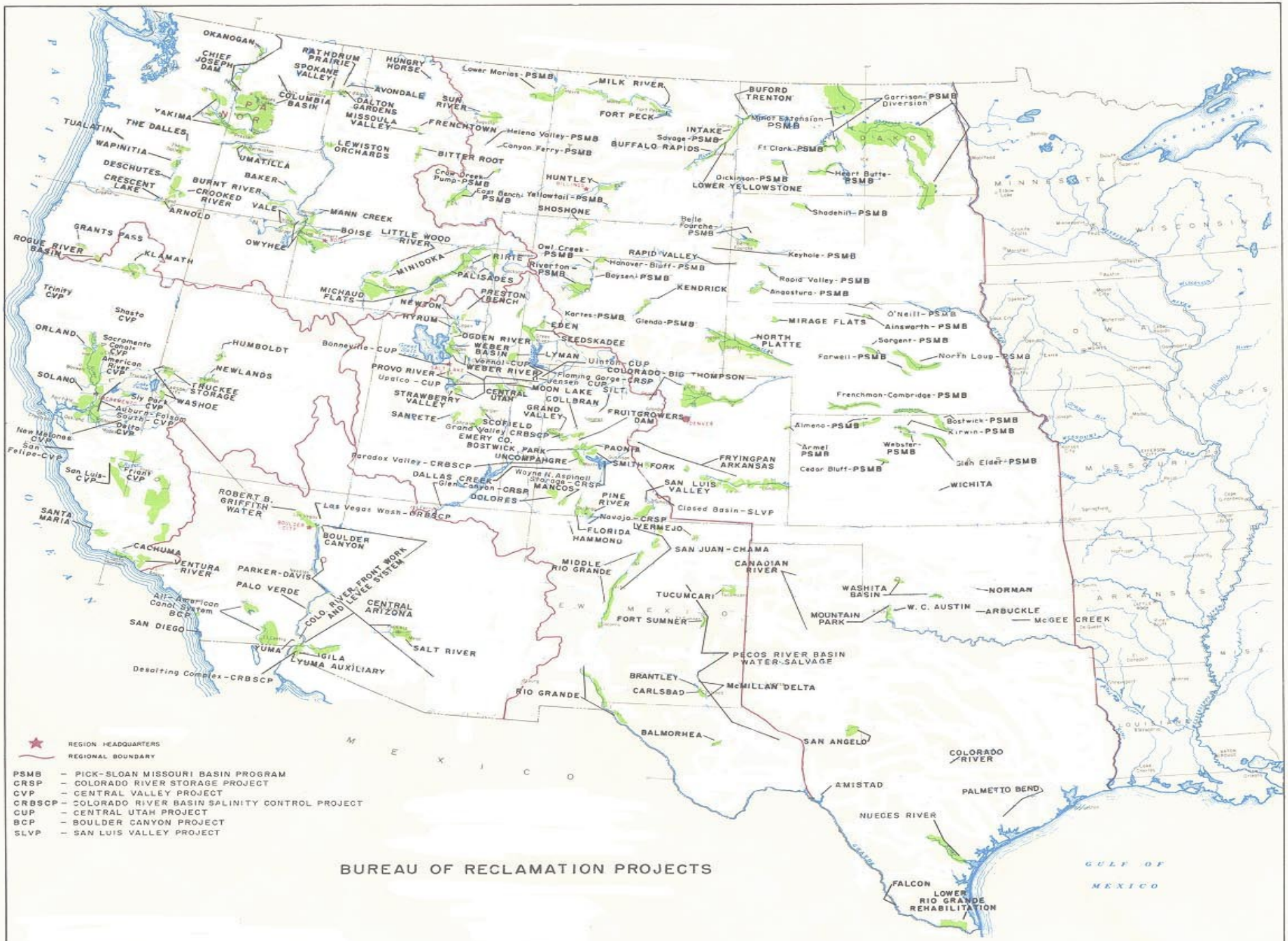

BUREAU OF RECLAMATION PROJECTS

Changing Focus Time Line

1902	1920s	1970s - 2009
Irrigation	Irrigation	Irrigation
	Hydropower	Hydropower
	Flood Control	Flood Control
		Municipal & Industrial
		Recreation
		Fish & Wildlife
		Native Americans

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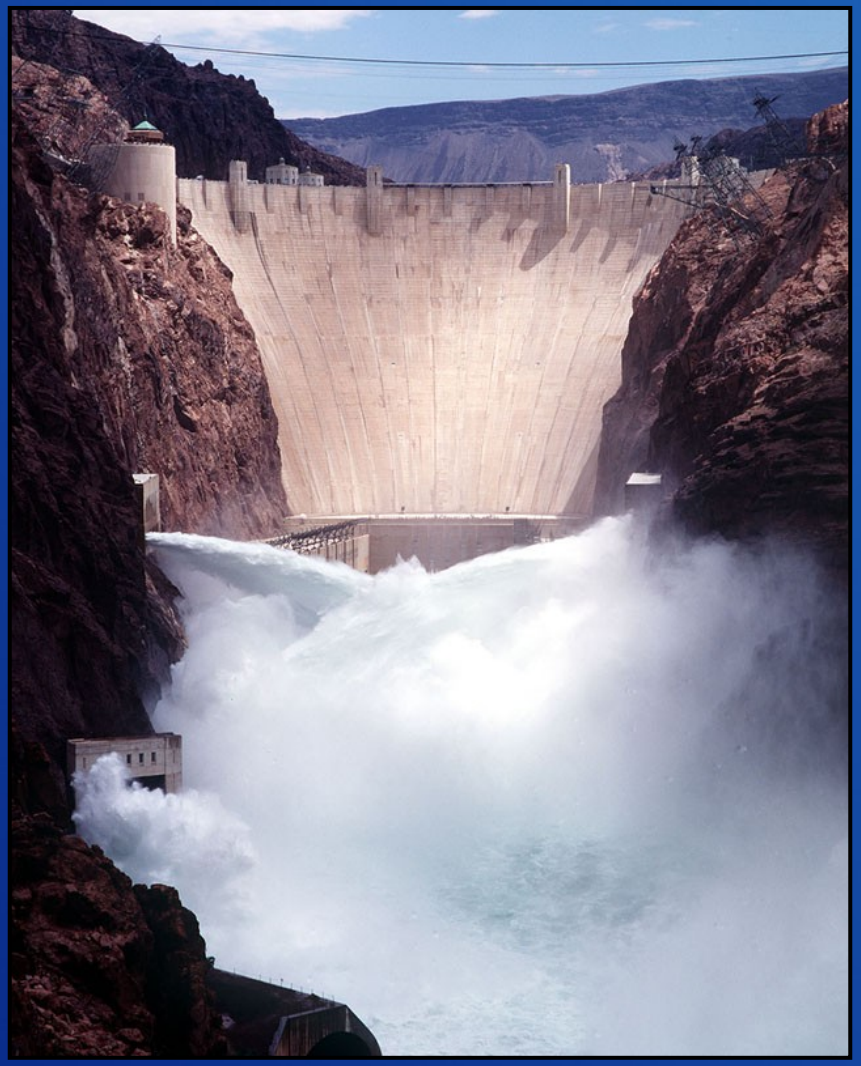
Hoover Dam



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Reclamation projects provide

- irrigation water
- water for municipal and industrial uses
- hydropower
- fish and wildlife habitat
- recreational opportunities
- flood control

Irrigation

- Provides irrigation water to 20% of U.S. Western farmers
- Serves about 10 million acres (4 million hectares) of farmland
- Enables farmers to produce 60% of the nation’s vegetables and 25% of its fruit and nut crop

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Municipal and Industrial Use

Supply about 37 trillion liters of water to 35 million people each year

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Hydropower

- 10th Largest Electric Utility in the U.S.
- 5th Largest Electric Utility In The 17 Western States
- Produces, on average, about 40 billion kilowatt-hours annually

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Flood Control

- **Dams regulating flood waters protect cities, agricultural lands, and the nation's infrastructure**
- **Billions of dollars have been saved across the West because of dams' flood control features**

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Recreation

- About 90 million visitors annually enjoy Reclamation projects and lands

- 308 recreation sites offer fishing, boating, camping, and more

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Fish and Wildlife

- **Enhance fish and wildlife habitat**

- **Help protect and sustain populations of endangered species**

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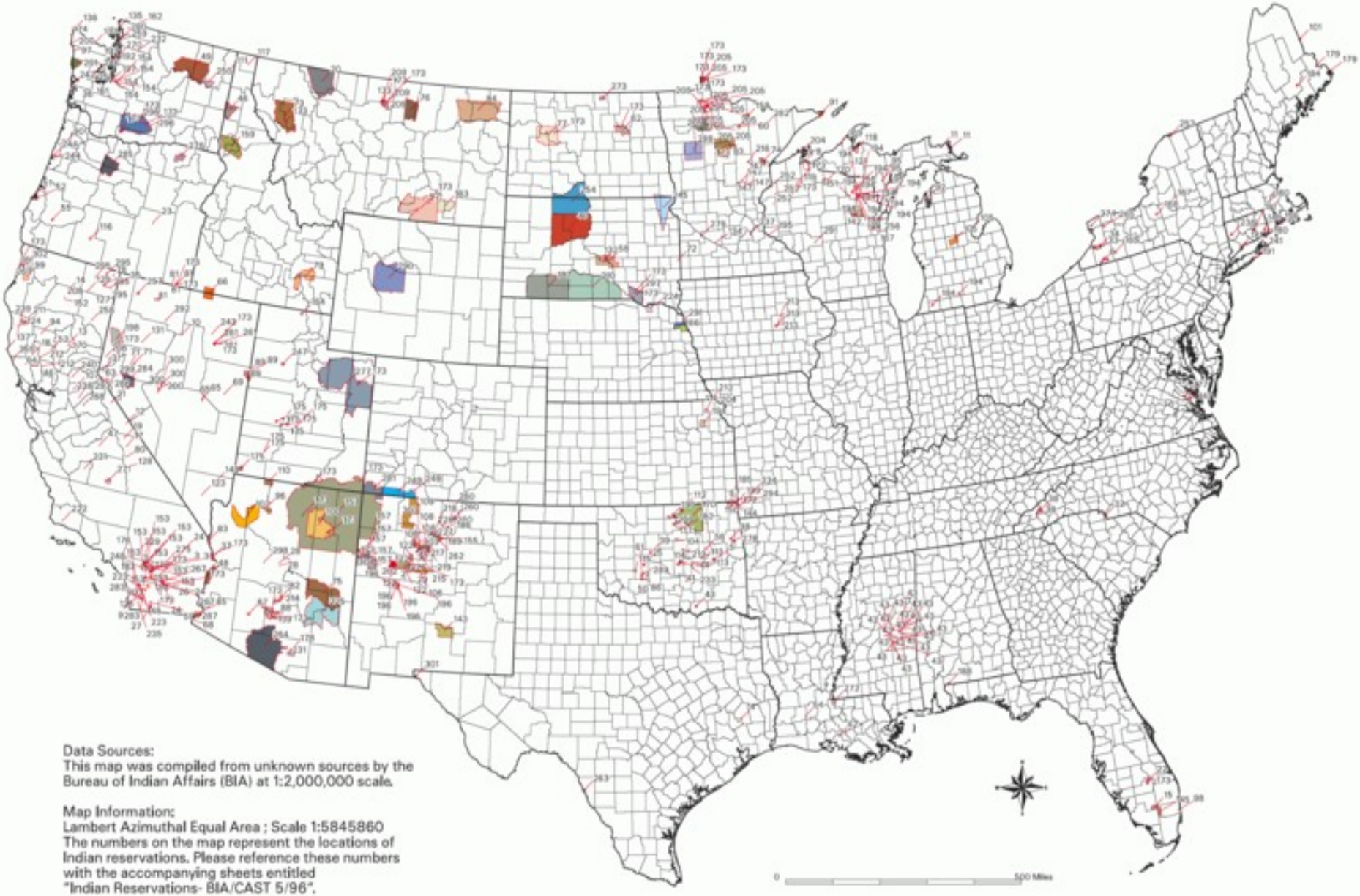
Indian Reservations in the Continental United States



Data Sources:
This map was compiled from unknown sources by the Bureau of Indian Affairs (BIA) at 1:2,000,000 scale.

Map Information:
Lambert Azimuthal Equal Area ; Scale 1:5845860
The numbers on the map represent the locations of Indian reservations. Please reference these numbers with the accompanying sheets entitled "Indian Reservations- BIA/CAST 5/96".

Five Ongoing Challenges

- Aging Infrastructure
- Population Growth
- Drought
- Climate Change
- Environment

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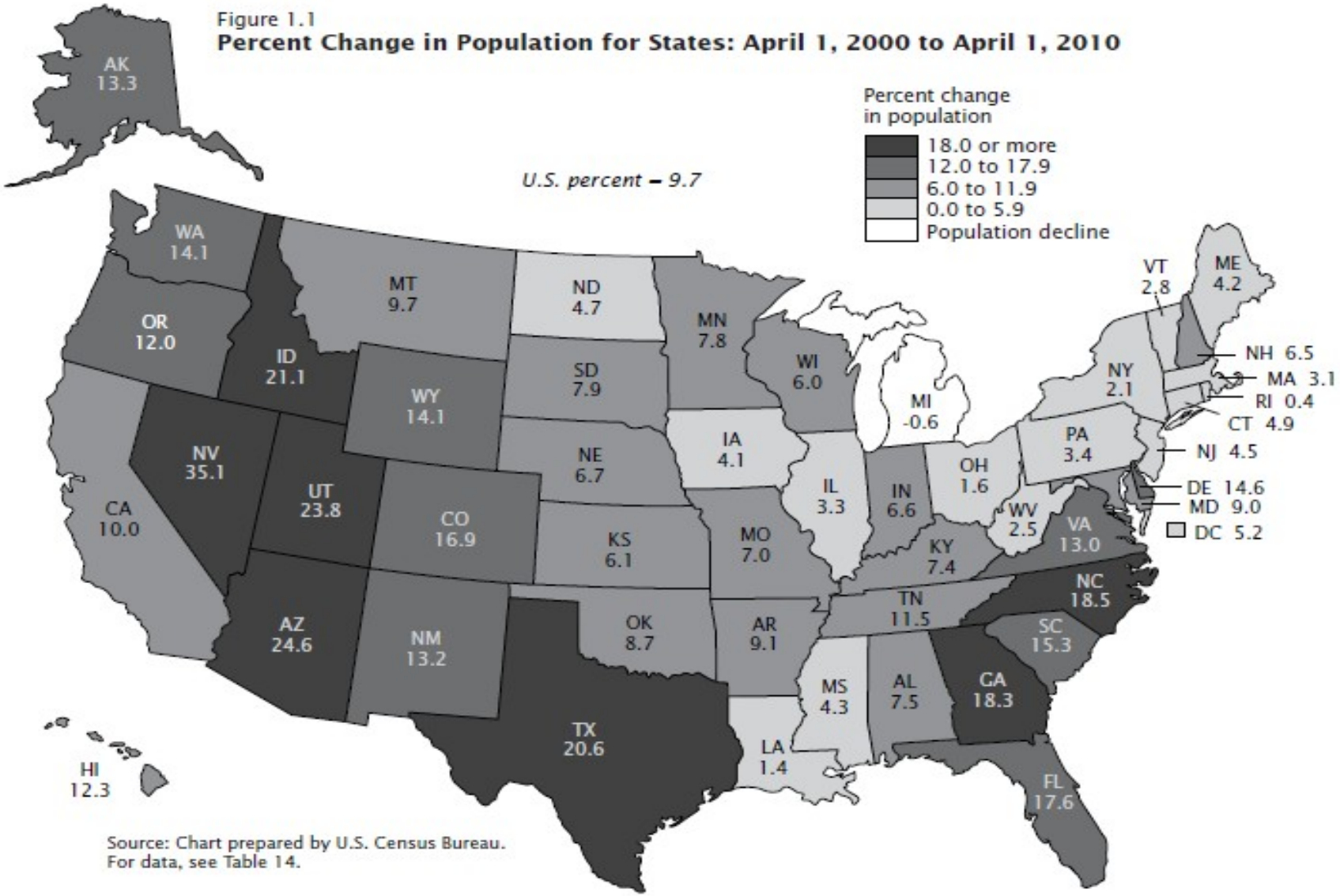
Population Growth



The West's Population

- 9 of 10 fastest growing states are in the West
- California is the nation's most populous state
- Largest growth is in the Reclamation states of Idaho, Nevada, Utah, and Arizona
- Critical riparian corridors like the Pacific Flyway are near key growth centers

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Water Withdrawals & U.S. Population, 1950-2000

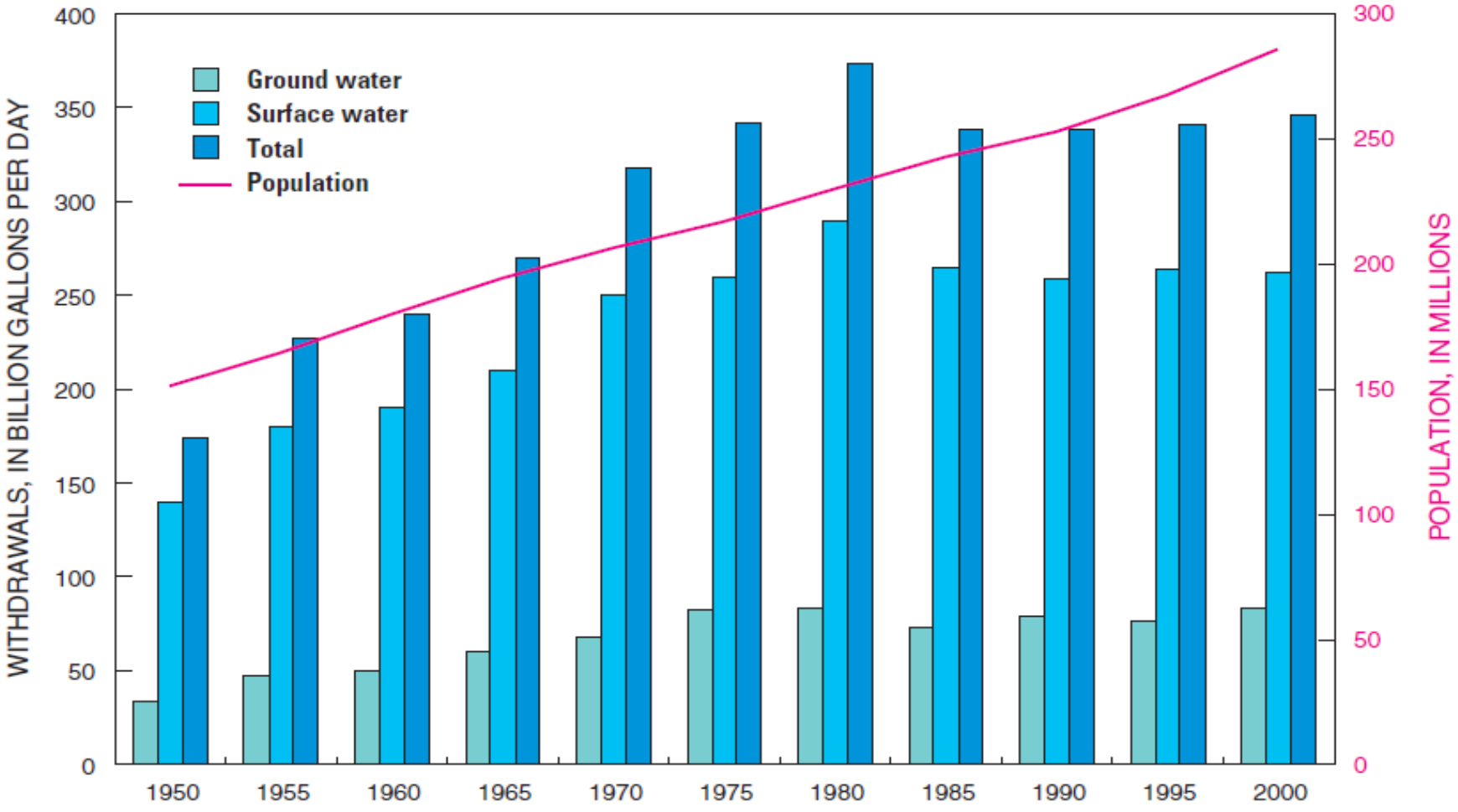

Figure 13. Trends in population and freshwater withdrawals by source, 1950–2000.

New Reclamation “Customers”

- Native American Tribes
- More Small Farms / Hobby Farms
- More M&I Users
- More Recreationists
- Greater Ethnic Diversity
- More Urbanization Around Projects
- More Floodplain Residents
- More Environmental Interests
- Hydropower Users Spread Throughout The West

Balance is key

- **Multiple benefits/uses now finding balance between economic needs/development and protection of species.**
- **Promoting partnerships between Federal, State, and local governments.**
- **Adjusting to meet the challenges of a changing society and growing populations.**
- **Clear communication channels between citizens and Federal agencies.**

For more information, visit

Main Website
www.usbr.gov

Data on our Projects and Facilities
www.usbr.gov/projects

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